											<del> </del>			Sheet		<u> 1</u>
	SUBSTITUTE FORM PTO-1449  (MODIFIED)  TENT AND TRADEMARK OFFICE  07078/0030									SER1AL 08/63	NO. 3,554					
•					5	TAT	ΓEΜ	ENT	BY	ATION DISCLOS APPLICANT if necessar		APPLICANT: Hichael K. Kwan, et a	ıl.		8.8 2794	
/37 cco	(37 CFR 1.98(b))											GROUP 3308	96 U.	13		
(S/ CPK	1.90	(6)	<u>,                                     </u>								U.S. PATENT DOC	CUMENTS	¥	7	1c.9	
EXAMINER ISSUE										SUBCLASS	FILIN	G DATE				
INITIAL		,	,	4	т	T-	т	T	,	05/09/95	TATEMOS			12	May 3, 1	
A	В	_	5		_	8	1	1	1	07/12/94	Rhee et al.		525	54.1	July 30,	
<del>-  </del>	BI	_	5	_	1	6	t	1		08/17/93	O'Leary et al.		623	16	Jan. 17,	1991
	81	_		2		1	1	1	1	07/27/93	Constantz et al.		530	356	Feb. 26,	1992
	В	_	5		Т	8	2	1	т	05/04/93	Ogawa et al.		514	12	Feb. 14,	1991
	В	,	4	6	t	1	T	1	1	12/09/86	Seyedin et al.		424	95	Feb. 26,	1985
	BI		4	Τ	t-	5	1	1	T	06/19/84	Marshall R. Urist		260	112R	May 5, 1	981
	В	_	4		1	4	1	1	1	02/28/84	Seyedin et al.		260	112R	Apr. 12,	1983
V	В	R	4	4	4	0	7	5	0	04/03/84	Glowacki et al.		424	95	Арг. 3,	1984
213	В	s	4	2	9	4	7	5	3	10/13/81				112R	Aug. 4,	1980
					Γ	Γ	Γ	T								
					Γ	Π		Ī								
								Τ	Π							
														<u></u>		
						L			L						<u>-</u>	
										FOREIGN PAT	TENT OR PUBLISHED FOR	EIGN PATENT APPLICATION				
				200	~ =4	EMT	M	MDE		PUBLICATION	co	UNTRY OR	CLASS	SUBCLASS	TRANS	LATION
		_		-				MBE	<b>K</b>	DATE		NT OFFICE	CEASS	GODGENGO	YES	NO
	+	_											_	-		-
	+	-	_		_		-									-
	+	-			_					<u> </u>					<del> </del>	<del>                                     </del>
	+	$\dashv$														<b></b>
	+										<del> </del>			1		
	+	$\dashv$	<u> </u>							<del> </del>			+	<del> </del>	<del> </del>	<del> </del>
	+		-										<del></del>	<del> </del>		-
			L					01	UEP	DOCIMENTS (:	notuding Author Tit	le, Date, Place of Publ	ication)		1	1
	<del>-</del>							U	nEX.	UUCUMENIS (1	TELLING AUTHOR, 110	te, bate, Place of Publ		<del></del>		<del></del>
	+		F		$\overline{\ }$			•								
EXAMINE	 D	+			$\overline{\mathcal{L}}$	Ţ.	ì.	<del>_</del>	ع و	J., C	Davis DA	TE CONSIDERED	anch	6	70c	2
		-:-			1	-				Deni II	<del></del>	if not in conformance ar	-	<del>- 4- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -</del>		
this fo	K: I	nit •h	ial res	. C	By	yo	m (	ons	100	red:—braw () o applicant.	ne inrough citation	IT HOL III CONTORNATICE ST	~ 100 000	ideieu. I		~, <del>-</del> '

							of	2_								
SUBSTITU (MODIFIE		RUM P	10-	144	9					ARTHEIT OF COMMERCE MD TRADEMARK OFFICE	07078/003001		SERIAL 09/6			
, ,	•						ATI	<b>.</b>	DISCLOSURE		APPLICANT:		08/6.	33,554		=
	STATEMENT BY APPLICANT  (Use several sheets if necessary)															
			(0			ıraı		144	S IT MECESSE	, y	FILING DATE		GROUP		27.5	
(37 CFR	1.98(	b))									April 17, 1996				78.	
										U.S. PATENT DO	CUMENTS			7	9/	
EXAMINER	T							5	1551						RG DAT	
INITIAL	<u> </u>		P	ATE	IT I	(UM	BER		DATE	P	ATENTEE	CLASS	SUBCLASS			
$\mathcal{O}_{\mathcal{O}}$	_ AA	4	5	6	3	3	5	0	01/07/86	Ranga Nathan, et al.		424	95	10/24/8	4	
1	AB	4	6	9	8	3	2	6	10/06/87	John J. Sauk, et al.	· · · · · · · · · · · · · · · · · · ·	514	7	12/20/8	5	
	AC	4	7	8	0	4	5	0	10/25/88	John J. Sauk, et al.		514	2	07/28/8	7	
	AD	4	7	8	9	6	6	3	12/06/88	Donald G. Wallace, e	nt el.	514	21	07/05/85	5	
	AE	4	7	9	5	4	6	7	01/03/89	Karl A. Piez, et al.		623	16	04/04/80	5	
	AF	4	8	6	3	7	3	2	09/05/89	Ranga Mathan, et al.		424	95	12/16/87	7	
	AG	4	8	8	8	3	6	6	12/19/89	George Chu, et al.			115	09/25/87	7	
	AH	4	9	6	2	0	9	1	10/09/90	Deborah A. Eppstein, et al.		514	2	05/23/86	5	
	AI	5	0	9	2	8	8	3	03/03/92	Barry L. Eppley, et	al.	623	11	03/03/92	2	
	AJ	5	1	3	3	7	5	5	07/28/92	John W. Brekke		623	16	06/21/90	)	
	AK	5	2	6	4	2	1	4	11/23/93	Woonza Rhee, et al.		424	422	08/14/92	2	
	AL	5	2	9	4	4	4	6	03/15/94	Herman V. Schlameus,	et al.	424	489	01/02/92	2	
	AM	5	3	0	6	3	0	3	04/26/94	Kenneth L. Lynch		623	16	11/19/91		
	AN	5	3	0	6	3	1	1	04/26/94	Kevin R. Stone, et a	t.	623	18	12/17/91		
	100	5	3	1	4	4	7	4	05/24/94	Jan Helms, et al.		623	16	04/02/92		
	AP	5	3	3	8	7	7	2	08/16/94	Hans-Jorg Bauer, et	el.	523	115	06/22/92		
	AQ.	5	3	7	6	6	3	6	12/27/94	Robert B. Rutherford	, et al.	514	12	03/12/92		
	AR	5	3	9	3	7	3	9	02/28/95	Hanne Bentz, et al.		514	12	09/15/93		
Q1B	AS	5	3	9	7	7	7	0	03/14/95	Robert H. Levin, et	el.	514	2	02/23/93		
					-				FOREIGN PAT	ENT OR PUBLISHED FORE	EIGN PATENT APPLICATION					
														TDANS	LATIO	
			DOC	UME	MT	NU	<b>B</b> EI	R	PUBLICATION DATE		NTRY OR NT OFFICE	CLASS	SUBCLASS	YES	- N	$\neg$
90	AT	1	271	76	3				04/06/70	United Kingdom	AT OFFICE	C079 7	00	159	×	$\vdash$
OVA.	AU	wo							06/01/89	PCT			28	-	×	ᅱ
CND	AV	wo							03/08/90	PCT		A61L 27			x	ᅱ
0		-					OT	HER		<del></del>	e, Date, Place of Publica		100		<u> </u>	一
	AW	Т	Г		1	Г	Ī	T		, tree	o, bate, react or restrict	rial)			<del></del>	$\dashv$
	AX	<del>て</del>		T	<del>                                     </del>	T	T	T								一
EXAMINER	7		$\nearrow$	<u>/</u>	٧	<del></del>	늘	¥	L. K.		N 1	<del>\</del>		<del></del>		=
	•	1		$\tau$					) (		E CONSIDERED March		200			$\dashv$
EXAMINER:		: I ell	ci ^ •	tet	ion	C C	ens i	der	ed. Draw lin	ne through citation if	f not in conformance and	not consi	dered. In	iclude co	py of	ı

SUBSTITUTE FORM PTO-1449			S. DEP	ARTHENT OF COMMERCE	ATTY. DOCKET		SERIAL NO.				
(MODIFIED) TRADEMARK					07078/003001	08/63	3,554	, p			
		INFORMATION STATEMENT BY (Use several shee	APPLICANT	APPLICANT: Nichael K. Kwan, et a		794 P					
7 CFR 1	.98(t			FILING DATE April 17, 1996	GROUP		787/				
			FOREIGN PAT	ENT OR PUBLISHED FOR	EIGN PATENT APPLICATION				Jc9		
								TRAN	SLATION		
		DOCUMENT NUMBER	PUBLICATION DATE		UNTRY OR ENT OFFICE	CLASS	SUBCLASS	YES	MO		
AB	BA	WO 90/10018	09/07/90	PCT		C07K 15	00		x		
	88	WO 91/18558	12/12/91	PCT		A61F 2	28		x		
1	BC	NO 92/20371	11/26/92	PCT		A61K 37	36		x		
	10	NO 93/04710	03/18/93	PCT		A61L 25	00		×		
$\bot$	BE	NO 93/05808	04/01/93	PCT		A61L 25	00		x		
	BF	NO 93/05823	04/01/93	PCT		A61L 27	00		x		
1	86	NO 94/00145	01/06/94	PCT		A61K 37	02		X		
	BH	WO 94/15653	07/21/94	PCT		A61L 27	00		X		
733	BI	NO 95/08304	03/30/95	PCT		A61F 2	02		X		
	IJ		ļ								
	BK	<u>l</u>	<u> </u>								
		OTHE	DOCUMENTS (in	ncluding Author, Titl	le, Date, Place of Public	ation)					
	BL										
	BM				·						
	BN		<del></del>		· · · · · · · · · · · · · · · · · · ·						
	80				0						
MINER		Jame	S. 03	DA1	TE CONSIDERED Man	UG	,200	)			
AMINER:	Init with		red. Draw lin		f not in conformance and		- 1		opy of		
					·	<del></del>					

Substrate F (Modified)

e Form PTO-1449

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 07078-003003

Application No. 09/782,794

Information Disclosure Statement
by Applicant
(Use several sheets if necessary)

Applicant Yamamo

Yamamoto, et al.

Filing Date

February 13, 2001

Group Art Unit

U.S. Patent Documents									
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate		
ON3	AA	4,294,753	10/13/81	Urist					
Λ	AB	4,434,094	02/28/84	Seyedin, et al.					
	AC	4,440,750	04/03/84	Glowacki, et al.			"		
	AD	4,455,256	06/19/84	Urist	-				
	AE	4,563,350	01/07/86	Nathan, et al.					
	AF	4,627,982	12/09/86	Seyedin, et al.					
	AG	4,698,326	10/06/87	Sauk, et al.					
	AH	4,780,450	10/25/88	Sauk, et al.					
	AI	4,789,663	12/06/88	Wallace, et al.					
	AJ	4,795,467	01/03/89	Piez, et al.					
	AK	4,863,732	09/05/89	Nathan, et al.					
	AL	4,888,366	12/19/89	Chu, et al.					
	AM	4,962,091	10/09/90	Eppstein, et al.			."		
	AN	5,092,883	03/03/92	Eppley, et al.					
	AO	5,133,755	07/28/92	Brekke					
	AP	5,208,219	05/04/93	Ogawa, et al.					
	AQ	5,231,169	07/27/93	Constantz, et al.					
	AR	5,236,456	08/17/93	O'Leary, et al.					
	AS	5,264,214	11/23/93	Rhee, et al.					
	AT	5,294,446	03/15/94	Schlameus, et al.					
	AU	5,306,303	04/26/94	Lynch					
	AV	5,306,311	04/26/94	Stone, et al.					
	AW	5,314,474	05/24/94	Helms, et al.		la ares	В /		
	AX	5,328,955	07/12/94	Rhee, et al.		ريد د الم			
	AY	5,338,772	08/16/94	Bauer, et al.		[COV			
	AZ	5,376,636	12/27/94	Rutherford, et al.		***************************************			
20	AAA	5,393,739	02/28/95	Bentz, et al.		TECHNOLOG	CERTER ROTO		

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute.Form PTO-149 (Modified)

98. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 07078-003003

Application No.

**Information Disclosure Statement** by Applicant

Applicant

09/782,794

(Use several sheets if necessary)

Yamamoto, et al.

(37 CFR §1.98(b))

February 13, 2001

Filing Date Group Art Unit

	U.S. Patent Documents										
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate				
	ABB	5,397,770	03/14/95	Levin, et al.							
	ACC	5,413,989	05/09/95	Ogawa, et al.							

	Foreign Patent Documents or Published Foreign Patent Applications										
Examiner	Desig.	Document	Publication	,			-	lation			
Initial	ID	Number	Date	Patent Office	Class	Subclass	_Yes	No			
3B	ADD	1 271 763	04/06/70	UNITED KINGDOM							
	AEE	WO 89/04646	06/01/89	PCT							
	AFF	WO 90/01955	03/08/90	PCT							
	AGG	WO 90/10018	09/07/90	PCT							
	АНН	WO 91/18558	12/12/91	PCT							
	AII	WO 92/20371	11/26/92	PCT							
	AJJ	WO 93/04710	03/18/93	PCT		·					
	AKK	WO 93/05808	04/01/93	PCT							
	ALL	WO 93/05823	04/01/93	PCT							
	AMM	WO 94/00145	01/06/94	PCT							
	ANN	WO 94/15653	07/21/94	PCT							
\(\frac{1}{2}\)	A00	WO 95/08304	03/30/95	PCT							

	Other Documents (include Author, Title, Date, and Place of Publication)										
Examiner	Desig.										
Initial	ID	Document									

MAY 1 5 2001

TECHNOLOGY CERTER ROPEO

Examiner/Signature

Date Considered

EXAMINER: Initials citation considered Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)